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# Lab 1A: Planning a Microsoft Windows XP Professional Installation

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## Objectives

After completing this lab, you will be able to:

- Plan an installation of Microsoft® Windows® XP Professional.

## Lab Setup

To complete this lab, you need the following:

- A computer running Windows 98.
- A Windows XP Professional compact disc.
- The Windows XP Professional Pre-Installation Checklist found in Appendix A.

## Scenario

Your organization has just received 10 evaluation copies of Windows XP Professional. As a member of the Desktop Support team, you have the responsibility of upgrading 10 existing computers running Windows 98 to computers running Windows XP Professional.

**Estimated time to complete this lab: 15 minutes**

## Exercise 1

### Determining That the Computer Meets the Minimum System Requirements

In this exercise, you will use the Windows XP Professional Pre-Installation Checklist to verify that the computer that you will be upgrading to Windows XP Professional meets the minimum system requirements.

### Scenario

As a member of the Desktop Support team, you will need to evaluate whether the computers designated for the upgrade from Windows 98 to Windows XP Professional will actually support the upgrade. As part of the evaluation process, you will use the Pre-Installation Checklist.

Use the following information for step 2 of the exercise:

The existing partition where Windows 98 is installed is 4 GB with 2.5 GB of free space. The partition was formatted by using FAT32, and for evaluation purposes you will leave it FAT32. For evaluation purposes, the computer will be part of a workgroup.

Tasks	Detailed steps
1. Use the Pre-Installation Checklist to verify that the computer will support Windows XP Professional.	<ul style="list-style-type: none"> <li>a. CPU is at least a Pentium 2, 233 MHz <input type="checkbox"/></li> <li>b. 64 MB to 2 GB RAM <input type="checkbox"/></li> <li>c. Hard disk is at least 2 GB <input type="checkbox"/></li> <li>d. Monitor has VGA or better resolution <input type="checkbox"/></li> <li>e. Keyboard and mouse available <input type="checkbox"/></li> <li>f. 12x CD-ROM drive available for CD installation <input type="checkbox"/></li> <li>g. Computer has active network connection <input type="checkbox"/></li> </ul>
2. Use the Pre-Installation Checklist to determine other issues for setup.	<ul style="list-style-type: none"> <li>a. Partition options: <ul style="list-style-type: none"> <li>Create new partition on unpartitioned disk <input type="checkbox"/></li> <li>Create new partition on partitioned disk <input type="checkbox"/></li> <li>Install on existing partition <input type="checkbox"/></li> <li>Delete existing partition to make space available <input type="checkbox"/></li> </ul> </li> <li>b. File System to be used: <ul style="list-style-type: none"> <li>FAT <input type="checkbox"/></li> <li>FAT32 <input type="checkbox"/></li> <li>NTFS <input type="checkbox"/></li> </ul> </li> <li>c. Installing Windows XP Professional to a: <ul style="list-style-type: none"> <li>Workgroup <input type="checkbox"/></li> <li>Domain <input type="checkbox"/></li> </ul> </li> </ul>


## Exercise 2

### Checking Compatibility by Using the /Checkupgradeonly Switch

In this exercise, you will use the **/checkupgradeonly** switch to check Windows XP Professional compatibility with, and support of, the hardware and software on the computer on which you will install Windows XP Professional.

#### Scenario

As a member of the Desktop Support team, you will need to evaluate whether the computers designated for the upgrade from Windows 98 to Windows XP Professional will actually support the upgrade. As part of the evaluation process, you will use the **/checkupgradeonly** switch to check the compatibility of the installed hardware and applications.

Tasks	Detailed steps
<p>1. Log on as <b>Administrator</b> with a password of <b>password</b>, and run <b>winnt32</b> using the <b>/checkupgradeonly</b> switch.</p>	<ol style="list-style-type: none"> <li>Start the computer, and then log on as <b>Administrator</b>, with a password of <b>password</b></li> <li>Insert the Windows XP Professional compact disc into your CD-ROM drive.</li> <li>When the Welcome to Microsoft Window XP screen appears, click <b>Exit</b>.</li> <li>Click <b>Start</b>, and then click <b>Run</b>.</li> <li>In the Open box, type <b>x:\i386\winnt32 /checkupgradeonly</b> and then click <b>OK</b> (where <i>x</i> is the designation of your CD-ROM drive). <ul style="list-style-type: none"> <li> <i>The Setup Wizard will begin. Notice that on the left side of the screen, the wizard first checks hardware. After checking hardware, the wizard prepares the upgrade report, and then the Setup Wizard closes.</i></li> </ul> </li> <li>Read the <b>upgrade report</b>, and then click <b>Finish</b>.</li> <li>Remove the Windows XP Professional compact disc from your CD-ROM drive.</li> </ol>

